

TENNESSEE AIR POLLUTION CONTROL BOARD  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
NASHVILLE, TENNESSEE 37243-1531



OPERATING PERMIT Issued Pursuant to Tennessee Air Quality Act

Date Issued: **JUN 27 2011**

Permit Number:  
064597F

Date Expires: January 1, 2021

Issued To:  
American Centrifuge Manufacturing, LLC

Installation Address:  
400 Centrifuge Way  
Oak Ridge

Installation Description:  
Boiler, 10.46 MMBtu/hr (non-NSPS)  
Natural Gas-Fired with Propane Backup

Emission Source Reference No.  
01-0236-01

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

**CONDITIONS:**

1. The application that was utilized in the preparation of this permit is dated May 31, 2011, and is signed by Michael G. Knight, Director, Safety, Security & Regulatory Affairs for the permitted facility. If this person terminates employment or is assigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

(conditions continued on next page)

A handwritten signature in black ink that reads "Gary R. Stephens". The signature is written in a cursive style with a large, stylized "G" and "S".

TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. The total maximum heat input capacity for this fuel-burning source shall not exceed 10.463 million British Thermal Units per hour (MMBtu/hr), on a daily average basis. TAPCR 1200-03-09-.02(6) and the application dated May 31, 2011.
3. Particulate matter (TSP) emitted from this source shall not exceed 0.014 pound per million British Thermal Units (lb/MMBtu) of heat input (0.15 pound per hour).

This emission limitation is established pursuant to Rule 1200-03-06-.01(7) of the Tennessee Air Pollution Control Regulations and the information contained in the agreement letter dated October 2, 2007, from the permittee.
4. Sulfur dioxide (SO<sub>2</sub>) emitted from this source shall not exceed 0.51 lb/MMBtu heat input (5.3 pounds per hour).

This emission limitation is established pursuant to Rule 1200-03-14-.01(3) of the Tennessee Air Pollution Control Regulations and the information contained in the agreement letter dated October 2, 2007, from the permittee.
5. Nitrogen oxides (NO<sub>x</sub>) emitted from this source shall not exceed 1.72 pounds per hour. TAPCR 1200-03-06-.03(2).
6. Only natural gas or propane shall be used as fuels for this source. TAPCR 1200-03-09-.02(6) and the application dated May 31, 2011.
7. Visible emissions from this source shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period in any one (1) hour period and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.01(1).
8. The permittee shall apply for renewal of this permit not less than sixty (60) days prior to the permit expiration date, pursuant to Division Rule 1200-03-09-.02(3).

(end of conditions)